(FW

MUU J U 2004

y Docket No.: 5308-389

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Saxler Application No.: 10/772,882 Filed: February 5, 2004 Confirmation No.: 8522 Group Art Unit: 2811

Examiner Name: Jerome Jackson, Jr.

: NITRIDE HETEROJUNCTION TRANSISTORS HAVING CHARGE-TRANSFER

INDUCED ENERGY BARRIERS AND METHODS OF FABRICATING THE

SAME.

Date: August 27, 2004

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Sir:

Attached is a list of a document on Form PTO-1449, together with a copy of the non-patent literature. It is requested that this documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP.

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(b), within three months of the filing date of the above-referenced application or before the mailing of a first Office Action on the merits, whichever event occurs last. Therefore, no fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

Elizabeth A. Stanek Registration No. 48,568

Myers Bigel Sibley & Sajovec, P.A.

P. O. Box 37428

Raleigh, North Carolina 27627

Telephone: (919) 854-1400 Facsimile: (919) 854-1401 Customer No. 20792

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 27, 2004

Erin A. Campion

Sec.	<b>4</b>		OIPE			
Substitute 1	form 1449A/PTO		70	C	omplete if Known	
			/ Aug	Application Number	10/772,882	
INFORM	ATION DISCL	<b>OSURE</b>	AUS 3 0 2004	Filing Date	February 5, 2004	
STATEM	<b>ENT BY APPI</b>	LICANT	10	First Named Inventor	Saxler	
			123	Group Art Unit	2811	
(use as ma	ny sheets as nec	essary)	140	Examiner Name	Jerome Jackson, Jr.	
Sheet	A1	of	A1	Attorney Docket Number	5308-389	

U.S. PATENTS AND PATENT PUBLICATIONS					
Examiner Initials*	Cite No.	U.S. Patent	Document	Name of Patentee or Applicant of Cited	Date of Publication of Cited
miliais		Number	Kind Code (if known)	- Document	Document MM-DD-YYYY
•					

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Fo	oreign Patent Doc	ument	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Т	
		Office	Number	Kind Code (if known)				
<u> </u>								
							·	
<del></del>								
					. 14 - 188 W 188 - 18			
						1		

		OTHER NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
	1.	Ambacher et al., "Two Dimensional Electron Gases Induced by Spontaneous and Piezoelectric Polarization Charges in N- and Ga-face AlGaN/GaN Heterostructures," <i>Journal of Applied Physics</i> . Vol. 85, No. 6, pp. 3222-3233 (March 1999).	

Examiner Signature	Date Considered